

What is claimed is:

- Sub
AI
- 1 An electronic camera comprising:
- an image-capturing device that stores a signal
electrical charge achieved by performing photoelectric
5 conversion on a subject image projected on a
photosensitive surface and reads out the signal
electrical charge to generate an image signal; and
a photographing preparation device that executes
photographing preparations for photoelectric conversion
10 performed at said image-capturing device, wherein
said photographic preparation device executes at
least some of said photographing preparations for
photographing a next frame during an electrical charge
read period at said image-capturing device.
- 15
2. An electronic camera according to claim 1, further
comprising:
- at least one of a shutter mechanism, a mirror
mechanism, an aperture mechanism, a focal adjustment
20 device and a photometric device, wherein
said photographing preparations for the next frame
include at least one of a shutter charge performed by
said shutter mechanism, a mirror down performed by said
mirror mechanism, a mirror up performed by said mirror
25 mechanism, aperture control performed by said aperture

mechanism, focal adjustment performed by said focal adjustment device and photometry performed by said photometric device, to enable photographing of the next frame.

5

3. An electronic camera according to claim 1, further comprising:

a shutter mechanism, a mirror mechanism and an aperture mechanism, wherein

10

said photographing preparation device completes a shutter charge performed by said shutter mechanism and a mirror down performed by said mirror mechanism to enable photographing of the next frame and starts a mirror up performed by said mirror mechanism and aperture control performed by said aperture mechanism to enable photographing of the next frame during an electrical charge read period at said image-capturing device.

15

4. An electronic camera according to claim 1, further comprising:

20

a mirror mechanism, a focal adjustment device and a photometric device, wherein

said photographing preparation device completes a mirror down performed by said mirror mechanism to enable photographing of the next frame and then implements

25

focal adjustment by said focal adjustment device and photometry by said photometric device, during an electrical charge read period at said image-capturing device.

5

5. An electronic camera according to claim 1, further comprising:

a continuous shooting command device that issues a command to perform continuous shooting, wherein

10

said photographic preparation device executes at least some of the photographing preparations for the next frame during the electrical charge read period at said image-capturing device while a command to perform continuous shooting issued by said continuous shooting command device is in effect.

15

6. An electronic camera according to claim 1, wherein

said photographing preparation device includes a drive motor that drives the photographing preparation and implements rotational drive of said drive motor during the electrical charge read period at said image-capturing device.

20

7. An electronic camera according to claim 1, wherein

25

said photographing preparation device includes a

drive motor that sequentially drives a plurality of
photographing preparations in correspondence to a
rotating angle and implements rotational drive of said
drive motor during the electrical charge read period at
5 said image-capturing device.

8. An electronic camera according to claim 1, wherein
operation timing is set in advance at least at
either said photographing preparation device or said
10 image-capturing device to ensure that the electrical
charge read period does not overlap a period over which
a subject image of the next frame is projected onto said
photosensitive surface.

9. An electronic camera according to claim 1, wherein
said photographing preparation device performs
detection of a completion of a signal electrical charge
read operation performed by said image-capturing device
and following the detection, projects a subject image
20 onto said photosensitive surface.

10. An electronic camera according to claim 1, further
comprising:

a time count device that measures at least a part
25 of a length of time required for the photographing

